



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lawrence W. Yonge III et al.      Art Unit : 2666  
Serial No. : 09/632,867      Examiner : Inder P. Mehra  
Filed : August 4, 2000  
Title : METHOD AND PROTOCOL TO ADAPT EACH UNIQUE CONNECTION IN A  
MULTI-NODE NETWORK TO A MAXIMUM DATA RATE

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REPLY TO ACTION OF NOVEMBER 30, 2005

Four independent claims remain pending (1, 9, 10, and 15).

The examiner has rejected each of the independent claims under 35 USC 103(a) as being unpatentable over Marchetto in view of Kaiser and Jalali, and further in view of Foley. The examiner is urged to reconsider and withdraw the rejection. The first three references are the same as used in the prior rejection, and Foley does not add what the first three are missing.

The invention calls for channel adaptation of the multi-carrier transmission to differ for different pairs of transmitter and receiver. Claim 9 expresses this as follows:


adapting the manner in which carriers are used between particular pairs of transmitter and receiver connected to a channel based on characteristics of the channel, wherein the manner in which at least some carriers are used is different for at least some pairs from the manner in which the same carriers are used for at least some other pairs

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